EPA Office of Compliance
Enforcement Targeting and Data Division

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AFS Modernization Update

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Current Approach for AFS Modernization

- **Integration with ICIS (Integrated Compliance Information System)**
  - Eliminates need for double-entry by EPA Regions;
  - Eliminates costs to develop and then operate separate air system;
    - Uses existing ICIS 2.0 architecture (hardware and software) with only modest changes expected.
    - Builds off existing processes set up with EPA's National Computer Center and Central Data Exchange.
    - Most or almost all of functionality for AFS is already in ICIS.
    - Most of the facility level data for AFS already in ICIS.
  - Improves data integration.

Other Approaches for AFS Modernization

- Other approaches have been considered, but none appear cheaper, quicker or more effective than ICIS Integration because:
  - Resource constraints (staff and contract dollars) within OECA for AFS modernization in 2007 and 2008 affect all approaches.
    - We are exploring options for finding additional resources, but tight budget climate.
  - Non-ICIS approaches require duplication of much of the work and infrastructure already accomplished for ICIS.
  - There are no short-cuts given need for data migration, state data flows via the Exchange Network, conformance with data standards, conformance with EPA architecture, and System Life Cycle Process requirements.

AFS Modernization Timelines

- ## FY 2007
  - Start AFS Business Requirements
  - Develop detailed schedule for AFS modernization.

- ## FY2008 Start Alternatives Analysis

AFS Business Requirements Analysis

- **Document the programmatic (business) need for CAA compliance monitoring and enforcement data flows**
    - Explain the functions and data needs for a modernized AFS.
    - We assume AFS meets most needs of the air community, but need to confirm this and document it.
        - Identify and document current limitations of AFS that should be addressed by modernized system.
        - Identify if there are any functions in AFS that might night be necessary to include in modernized system.
    - We will build on prior work already done by AFS user community.

- **Solicit input from our stakeholders and users.**

Alternatives Analysis

- **Required by OMB**
  - Review of other options (information systems)for meeting the business needs.
    - Includes a Closeness of Fit Analysis (COFA) to compare the AFS Business Requirements to the Integrated Compliance Information System (ICIS)
    - Develop alternatives (options) for meeting ICIS business needs as well as AFS Modernization needs.
    - While we expect that modernization of AFS into ICIS will be the least cost option, we must still do the analysis.

As we continue...

- Thank you to the members of the AFS Modernization Workgroup, for their time and work.

- We look forward to working with you on a successful modernization of AFS!